



# Potential Tropical Cyclone Three Update

10:00 AM CT  
Tuesday, June 20, 2017

Prepared by:  
*Roger Erickson*



# Situation Overview

## Potential Tropical Cyclone 3



Lake Charles  
WEATHER FORECAST OFFICE

- Potential Tropical Cyclone 3 could become a tropical storm at any time.
- A tropical storm warning is in effect Jefferson and Orange counties, and Acadia, Calcasieu, Cameron, Iberia, Jeff Davis, Lafayette, St. Martin, St. Mary, and Vermilion parishes.
- A coastal flood advisory is in effect for Jefferson County, and Cameron, Iberia, St. Mary, and Vermilion parishes.
- Heavy rain, above normal tides, gusty winds, and a few tornadoes are the main threats, especially on Wednesday and Thursday.

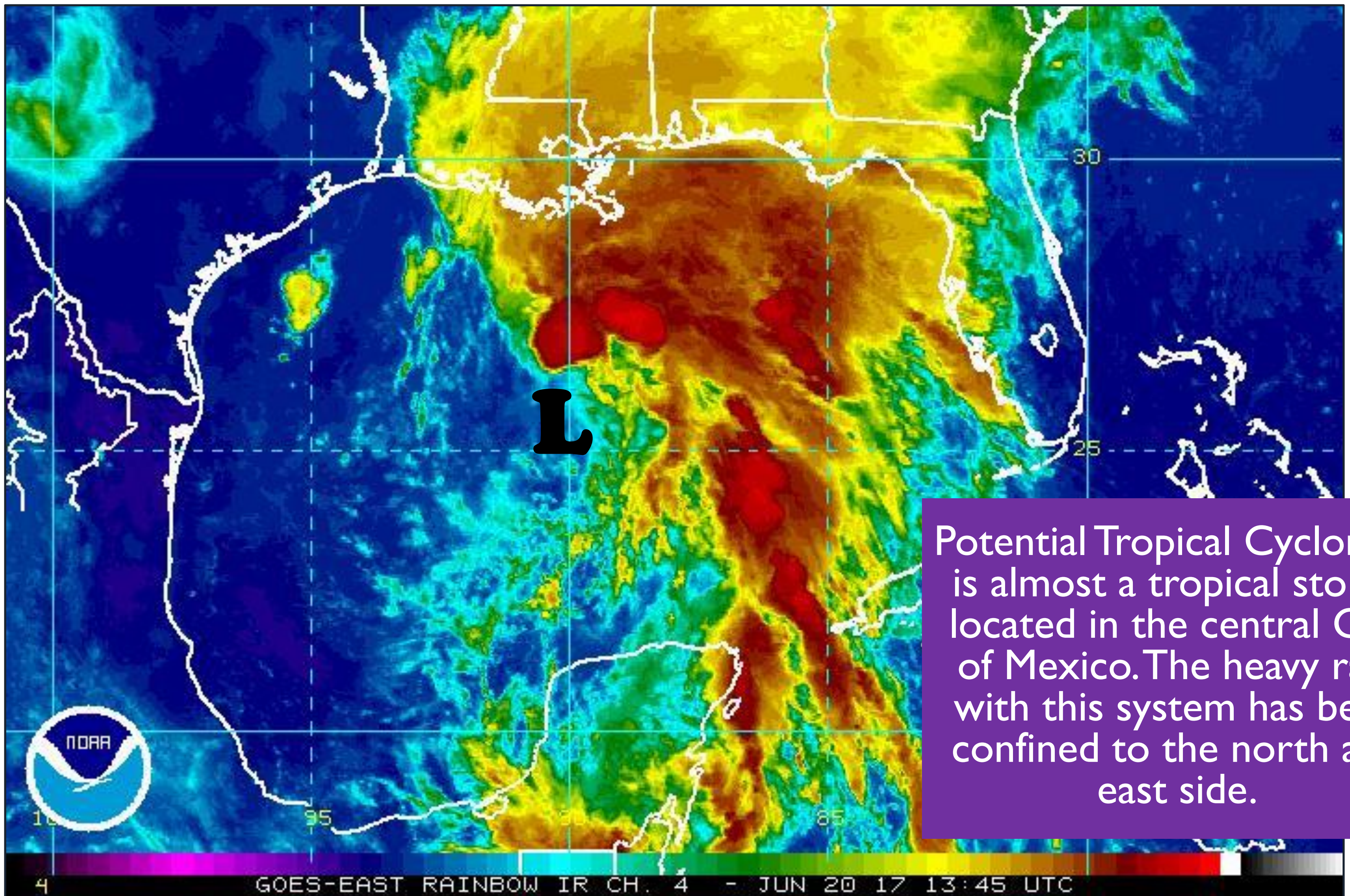


# Situation Overview



Lake Charles  
WEATHER FORECAST OFFICE

## Potential Tropical Cyclone 3



Potential Tropical Cyclone 3 is almost a tropical storm, located in the central Gulf of Mexico. The heavy rain with this system has been confined to the north and east side.

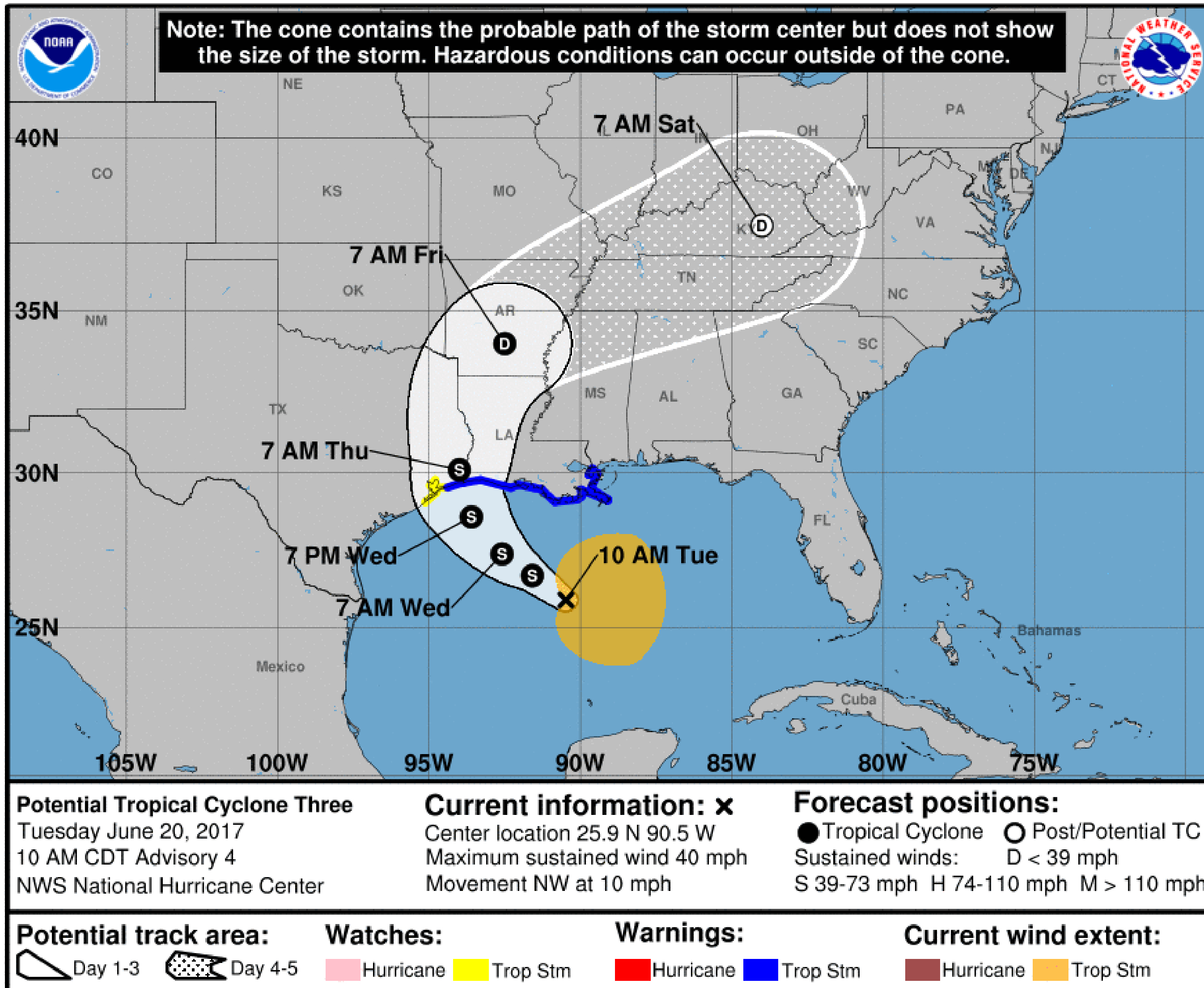


# Situation Overview

## Potential Tropical Cyclone 3



Lake Charles  
WEATHER FORECAST OFFICE



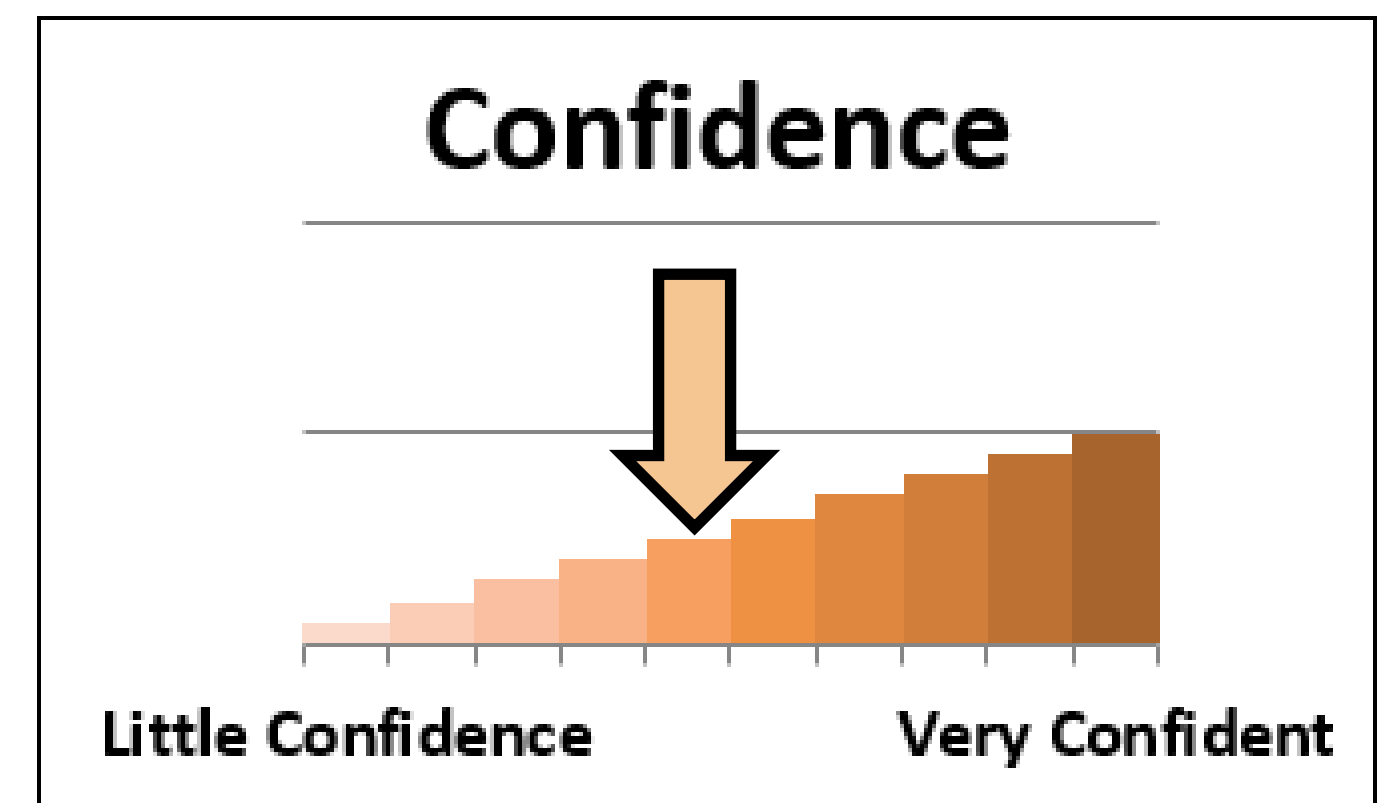
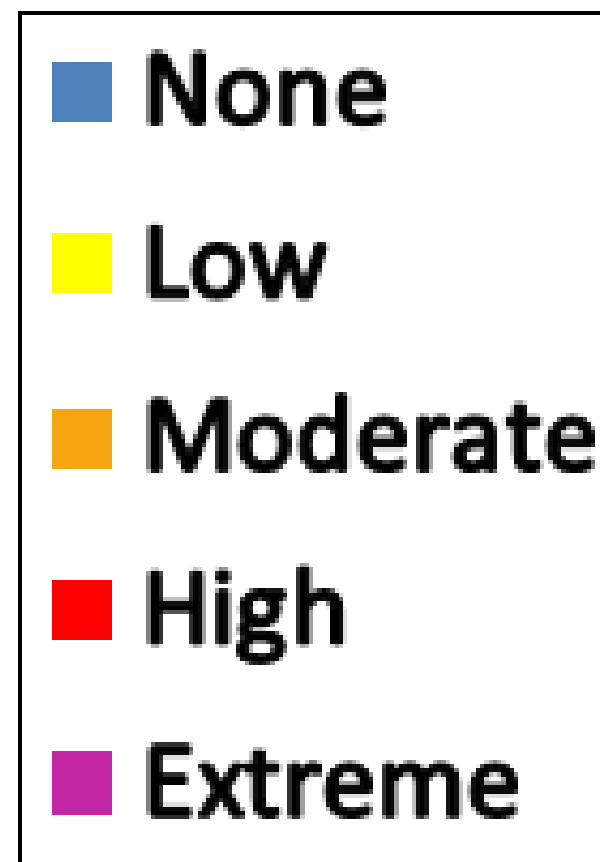
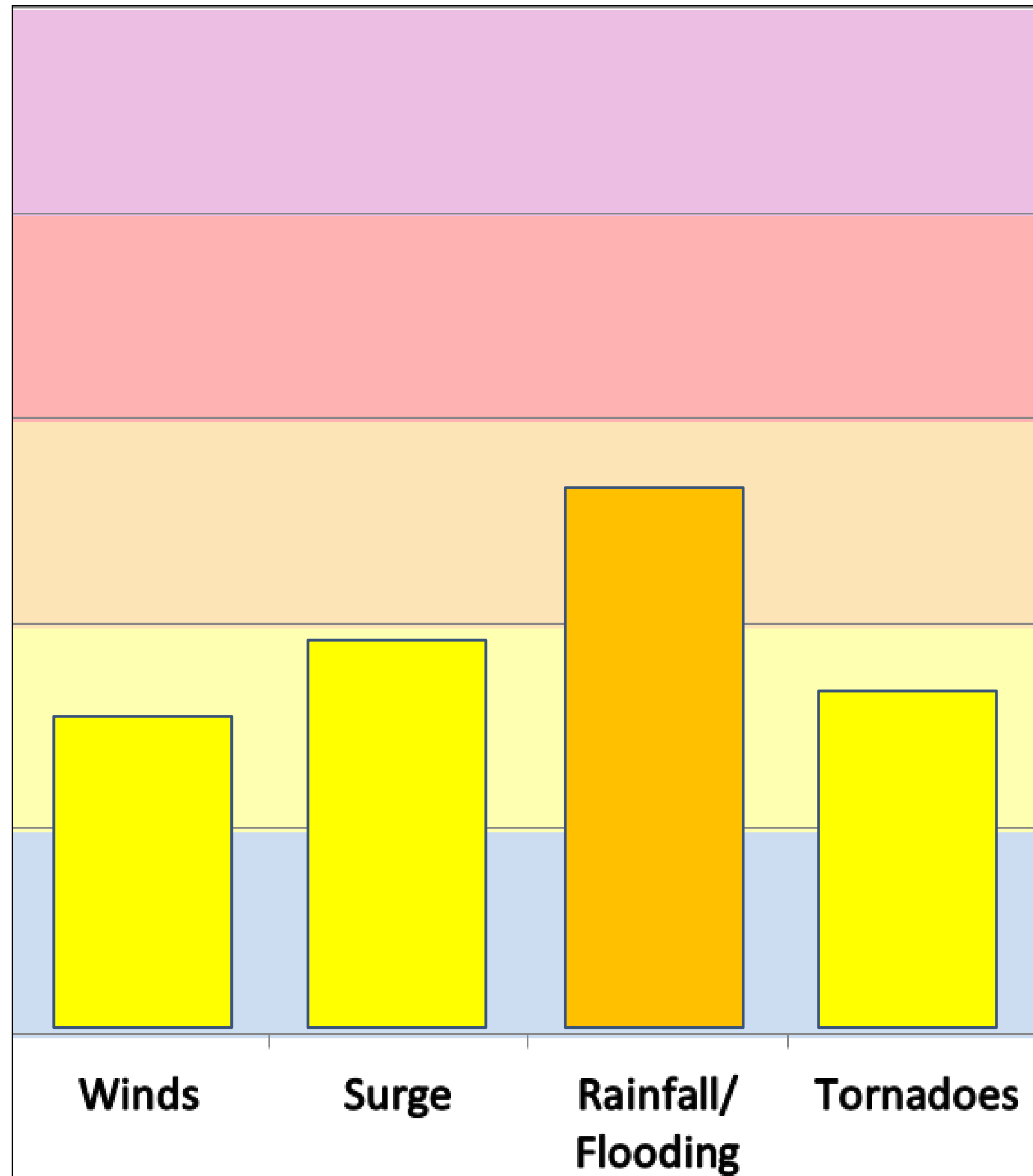
The forecast track has shifted to the west since advisories started yesterday. Landfall projections are near the Texas/Louisiana stateline early Thursday.

# Situation Overview



Lake Charles  
WEATHER FORECAST OFFICE

## Potential Tropical Cyclone 3

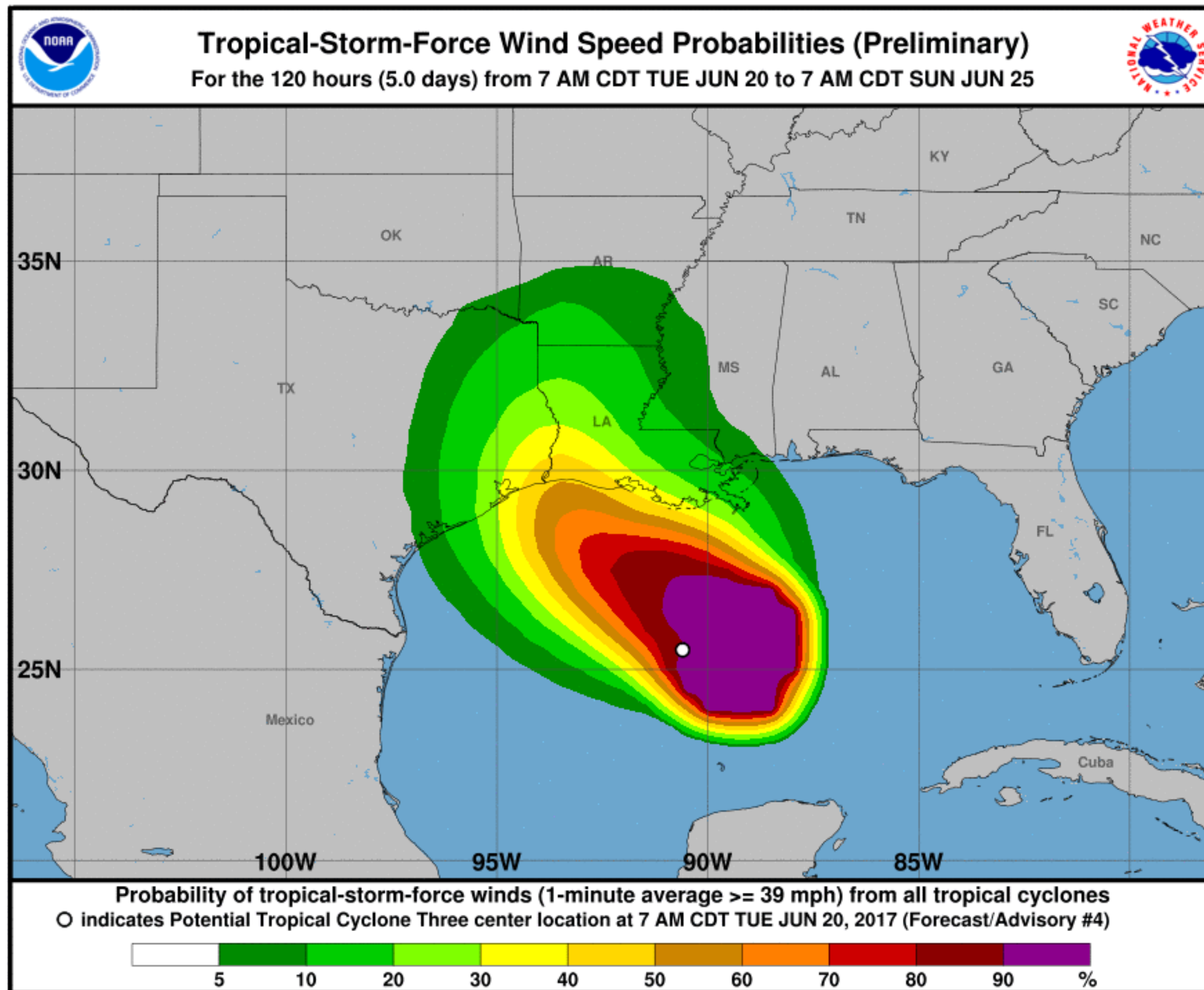


# Wind Forecast

## Potential Tropical Cyclone 3



Lake Charles  
WEATHER FORECAST OFFICE



Tropical storm force winds of 40 to 45 mph are expected, with gusts in the 55 to 60 mph range. This could cause some damage to buildings and scattered power outages.

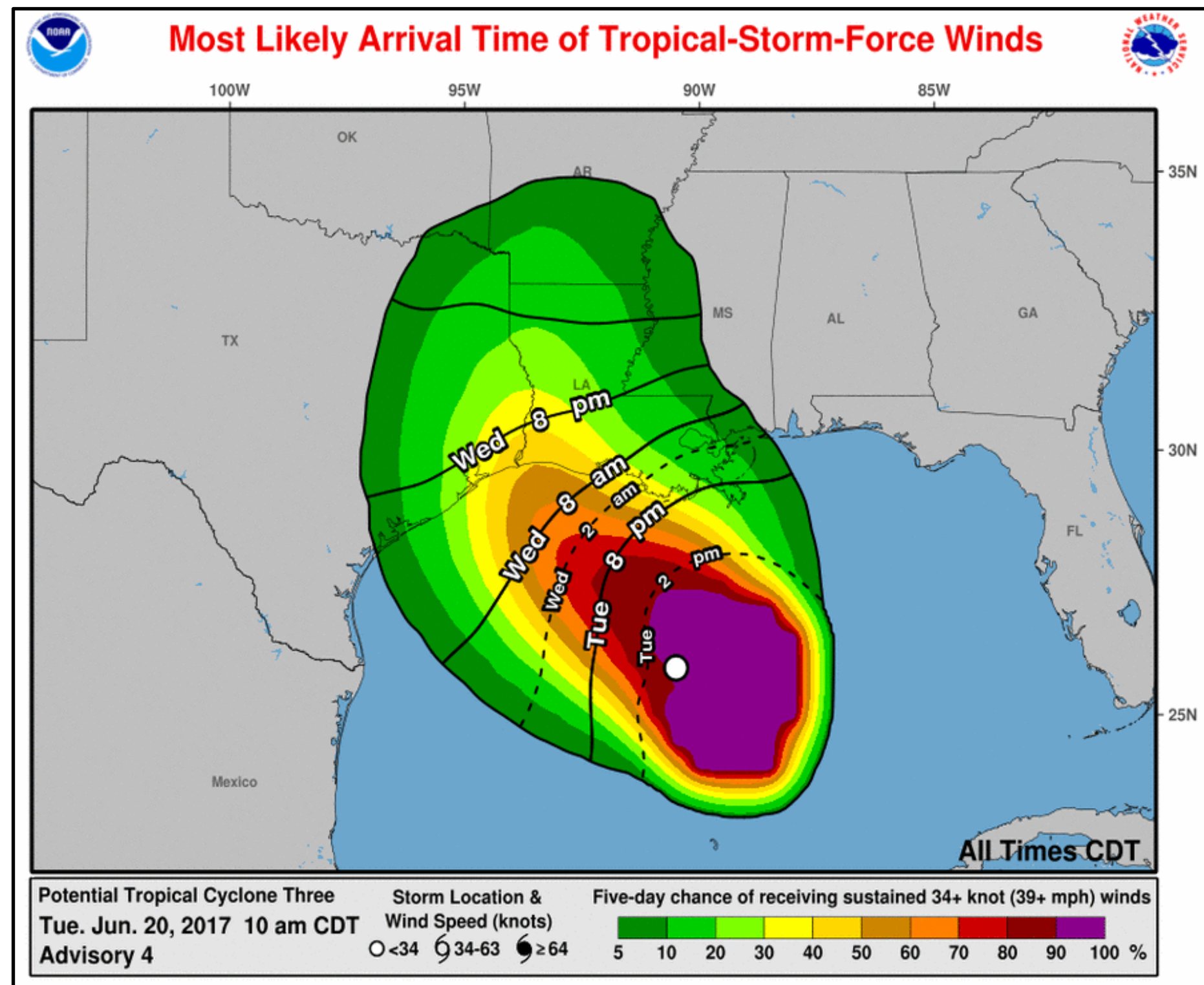
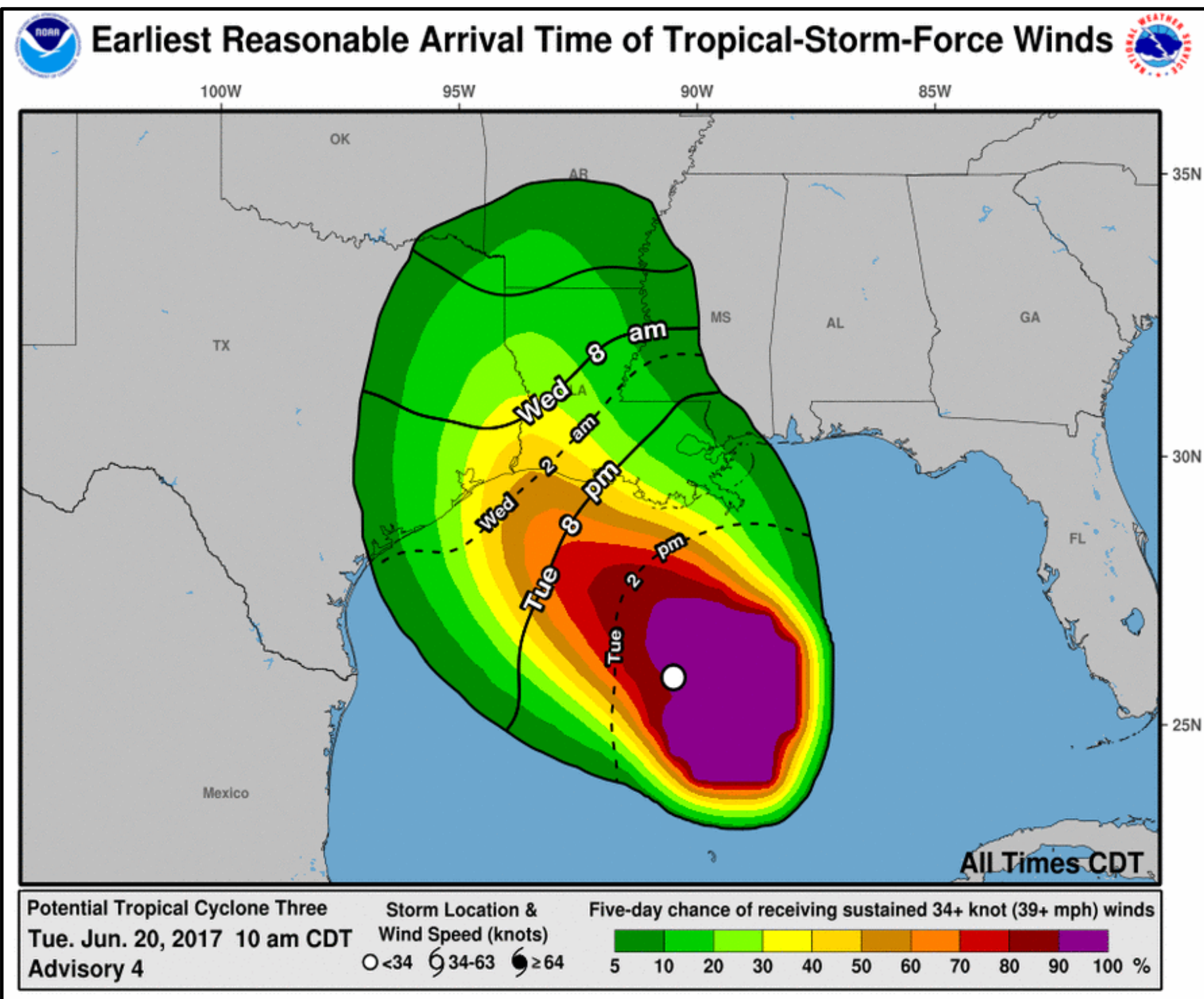


# Wind Forecast

## Potential Tropical Cyclone 3



Lake Charles  
WEATHER FORECAST OFFICE



Here is a comparison for the timing of tropical storm force winds: earliest time of arrival on the left, and most likely time of arrival on the right.

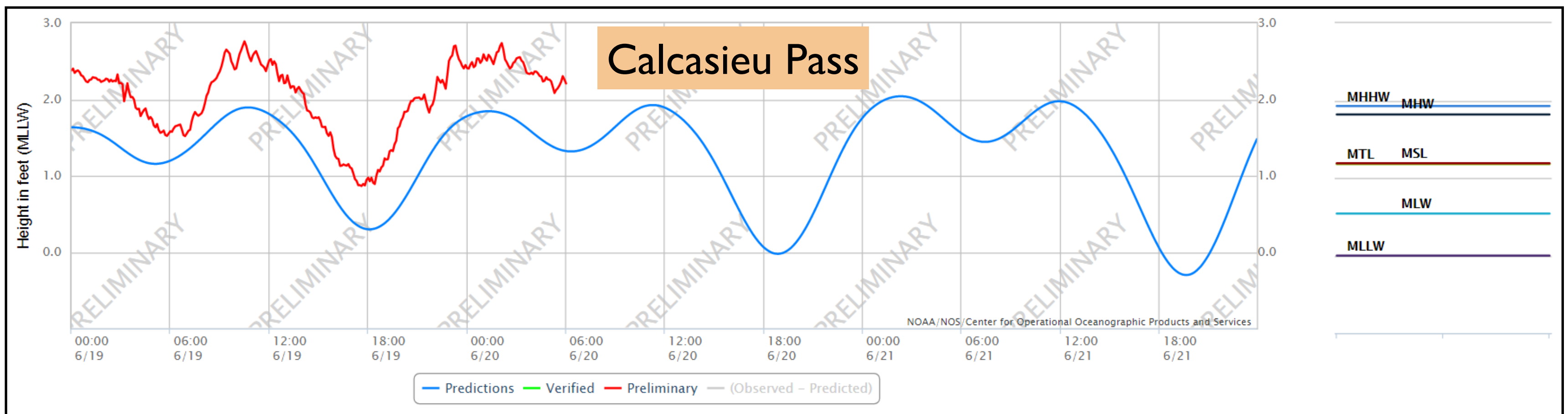
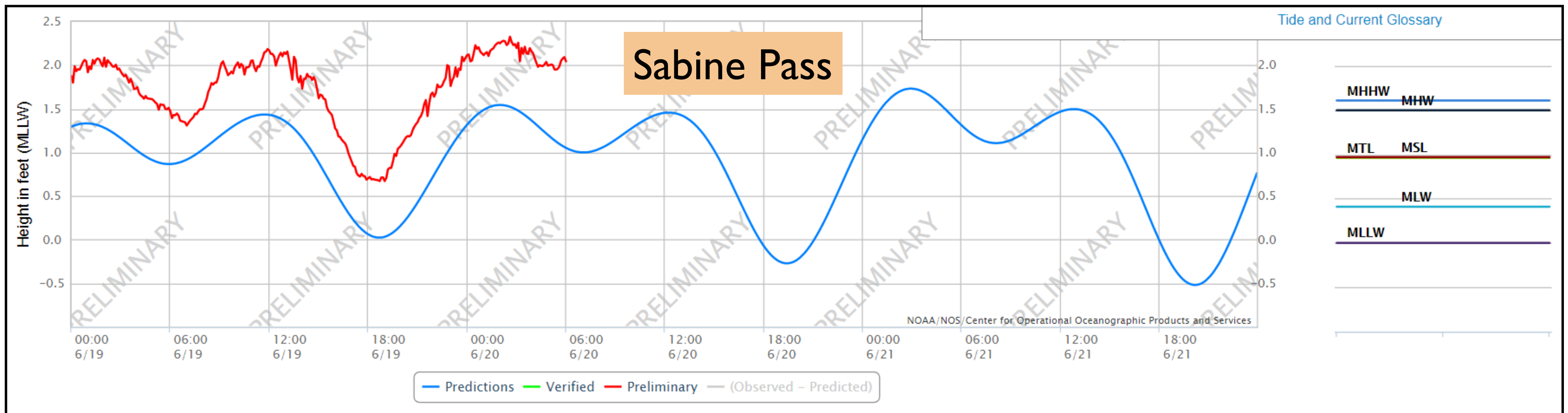


# Tides Observations/Forecast



Lake Charles  
WEATHER FORECAST OFFICE

## Potential Tropical Cyclone 3



Tides are currently running a foot above normal. Tides will likely run 1 to 3 feet above normal today through Thursday. Minor coastal flooding will occur during high tides between Sabine Pass and Port Arthur, Highway 82 west and east of Holly Beach, and downtown Cameron.



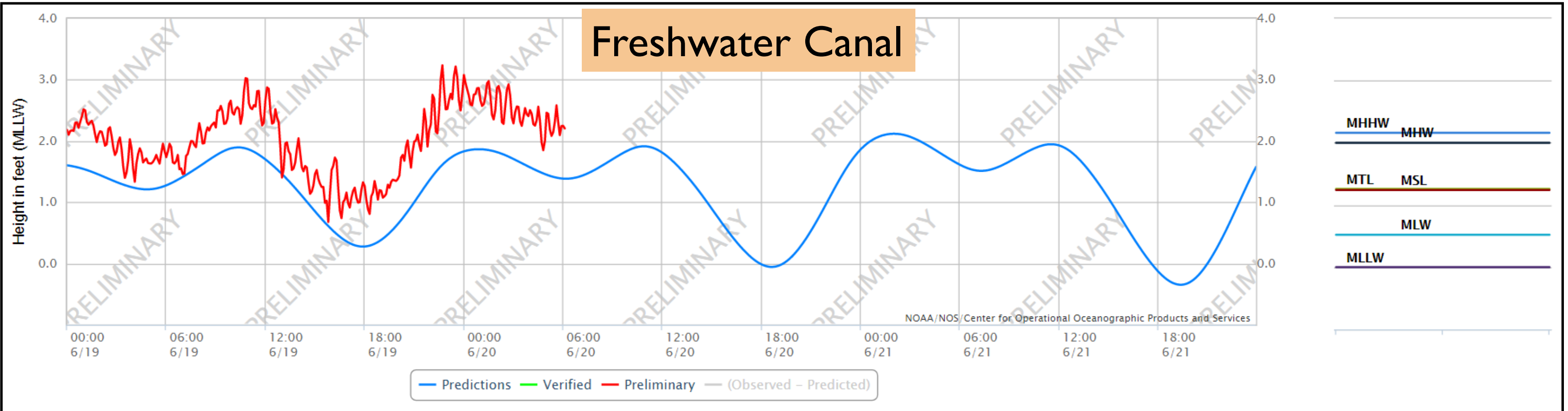
# Tides Observations/Forecast



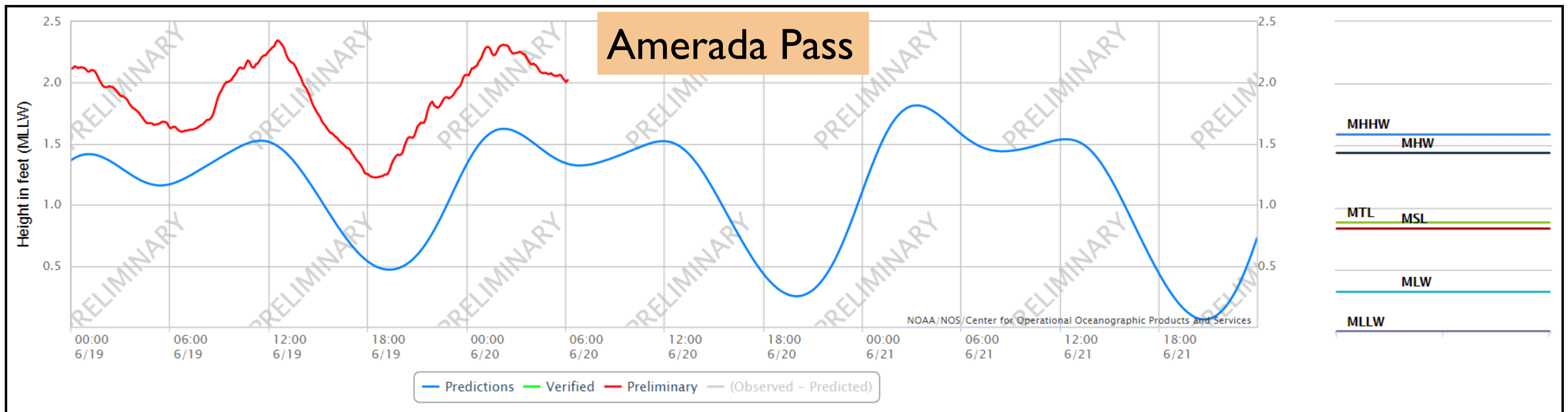
Lake Charles  
WEATHER FORECAST OFFICE

## Potential Tropical Cyclone 3

### Freshwater Canal



### Amerada Pass



Tides are currently running a foot above normal. Tides will likely run 1 to 3 feet above normal today through Thursday. Minor coastal flooding will occur during high tides near Pecan Island, Intracoastal City, Delcambre, Cypremort Point, and Burns Point.

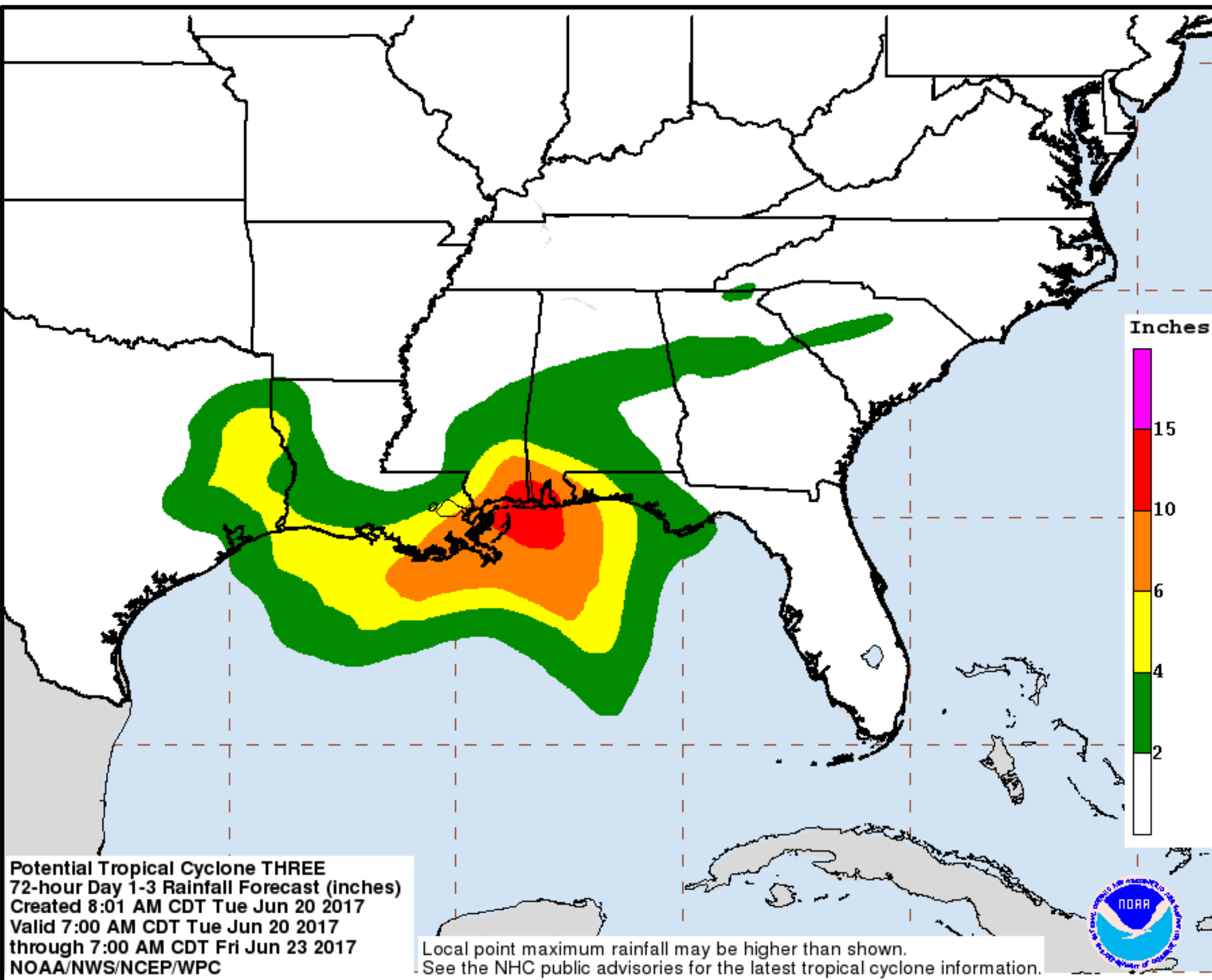
# Rainfall Forecast

## Potential Tropical Cyclone 3



Lake Charles

WEATHER FORECAST OFFICE



In our region, the heaviest rains will be across southeast Texas and southwest, south central, and central Louisiana on Wednesday and Thursday. A Flash Flood Watch may be issued later today.

Three to six inches of rain is expected, with locally higher amounts of 10 inches possible in the stronger rainbands.

Expect to see flooded roads during periods of heavy rains Wednesday and Thursday, especially along and south of the I-10 corridor due to poor drainage due to the above normal tides.

## Rainfall Totals Forecast Today Through Friday Morning



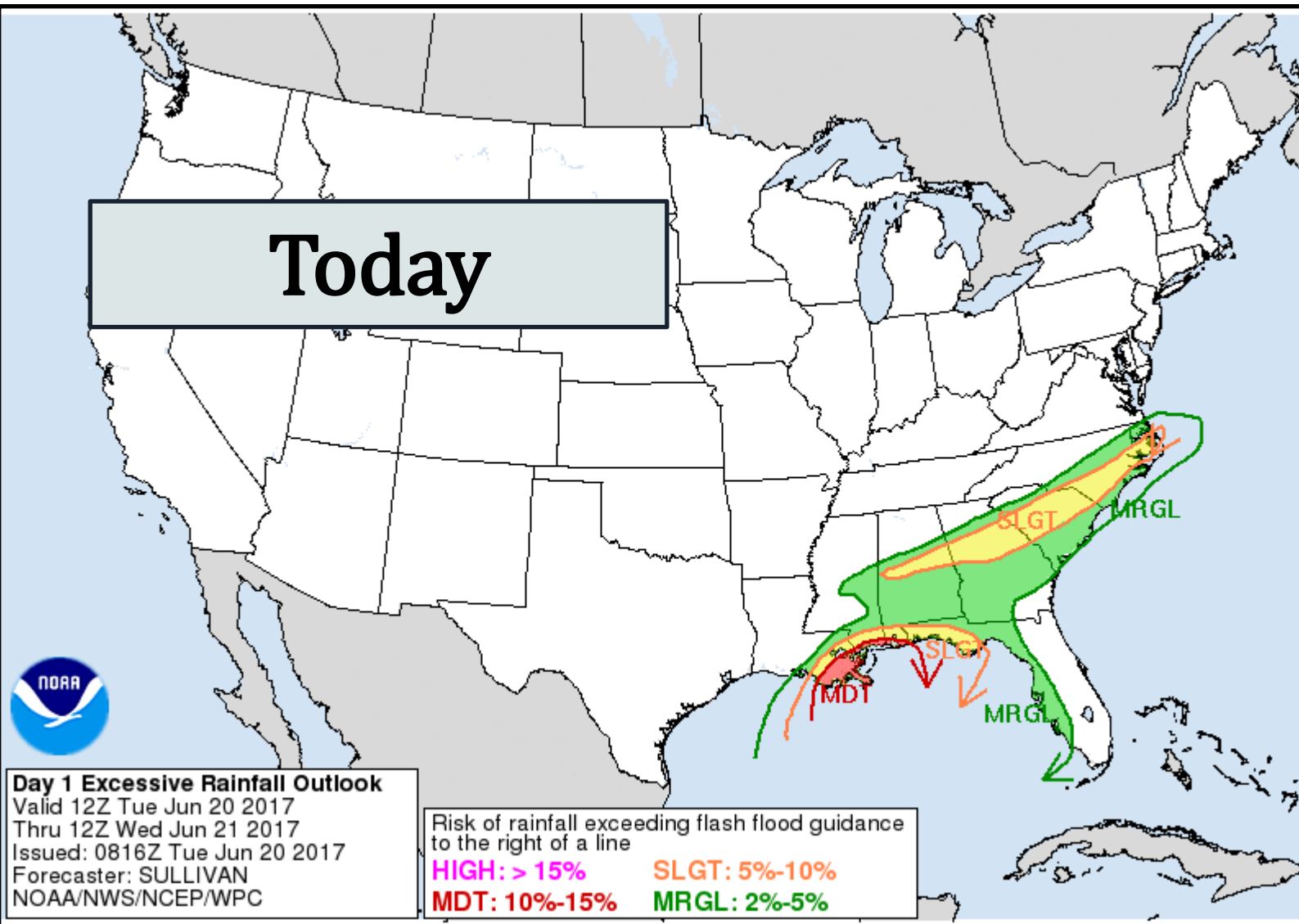
# Excessive Rainfall Outlook



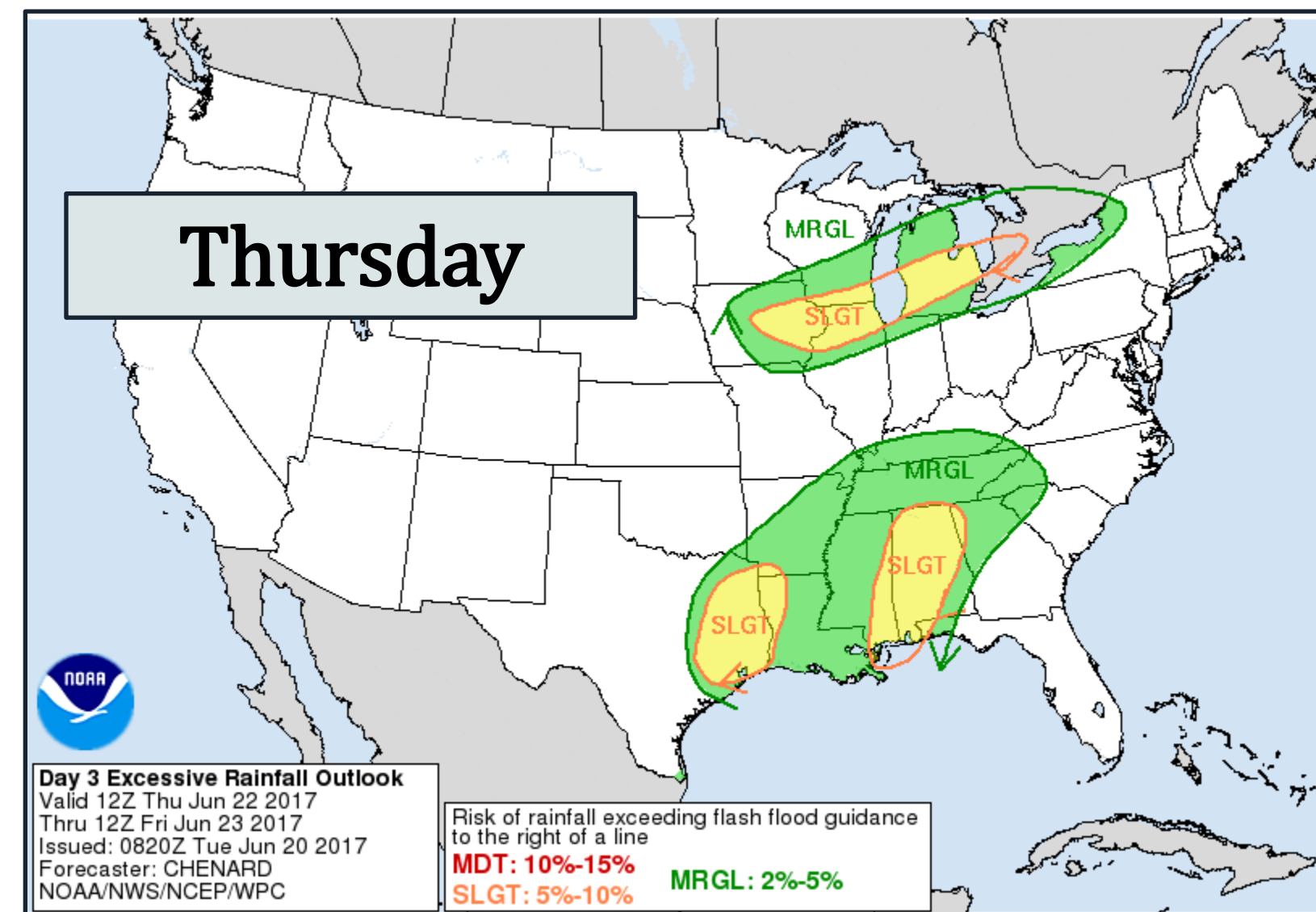
Lake Charles  
WEATHER FORECAST OFFICE

## Potential Tropical Cyclone 3

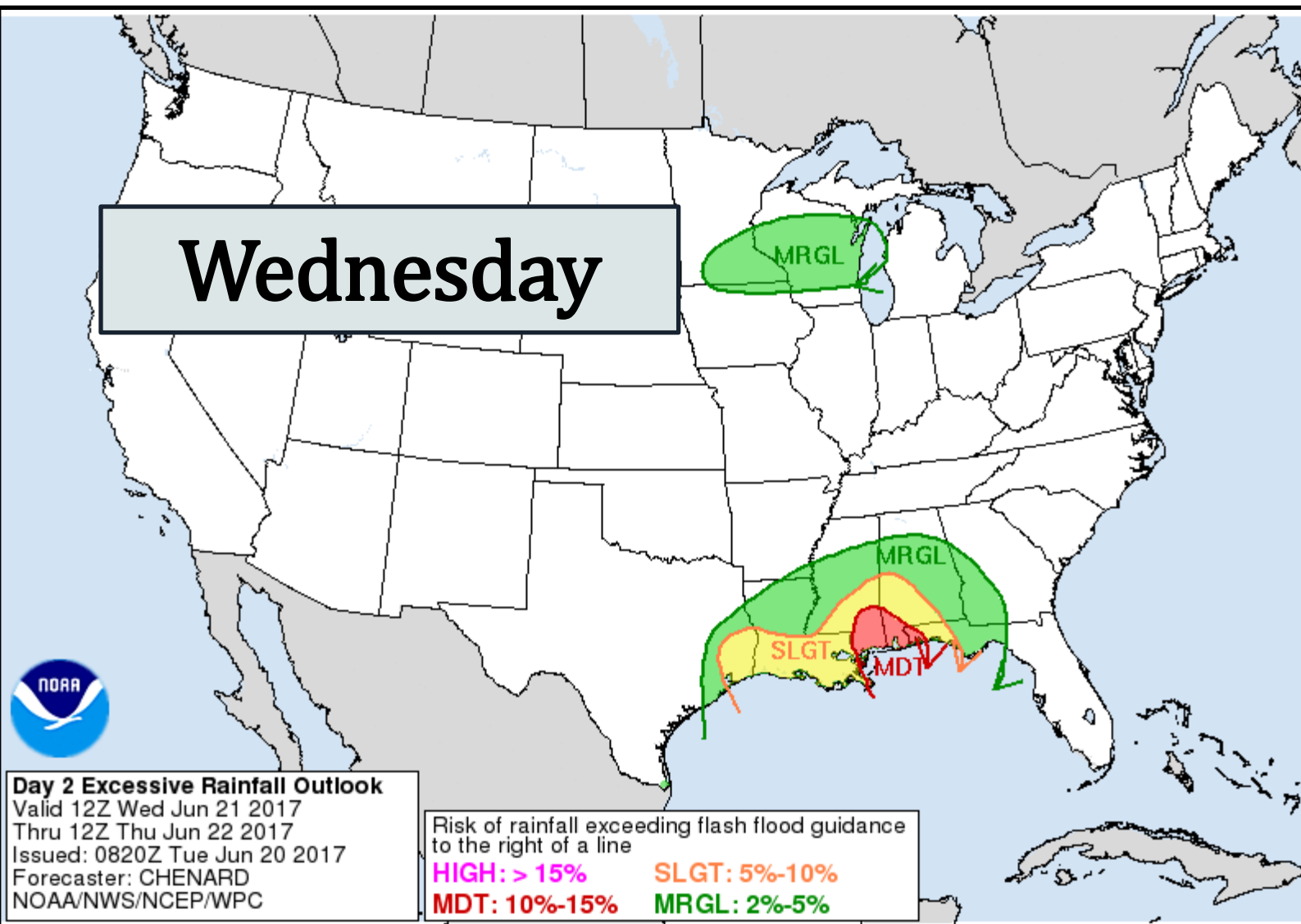
Today



Thursday



Wednesday



The excessive rainfall threat will be mainly in lower Acadiana today, but extend across most of our region on Wednesday and Thursday.

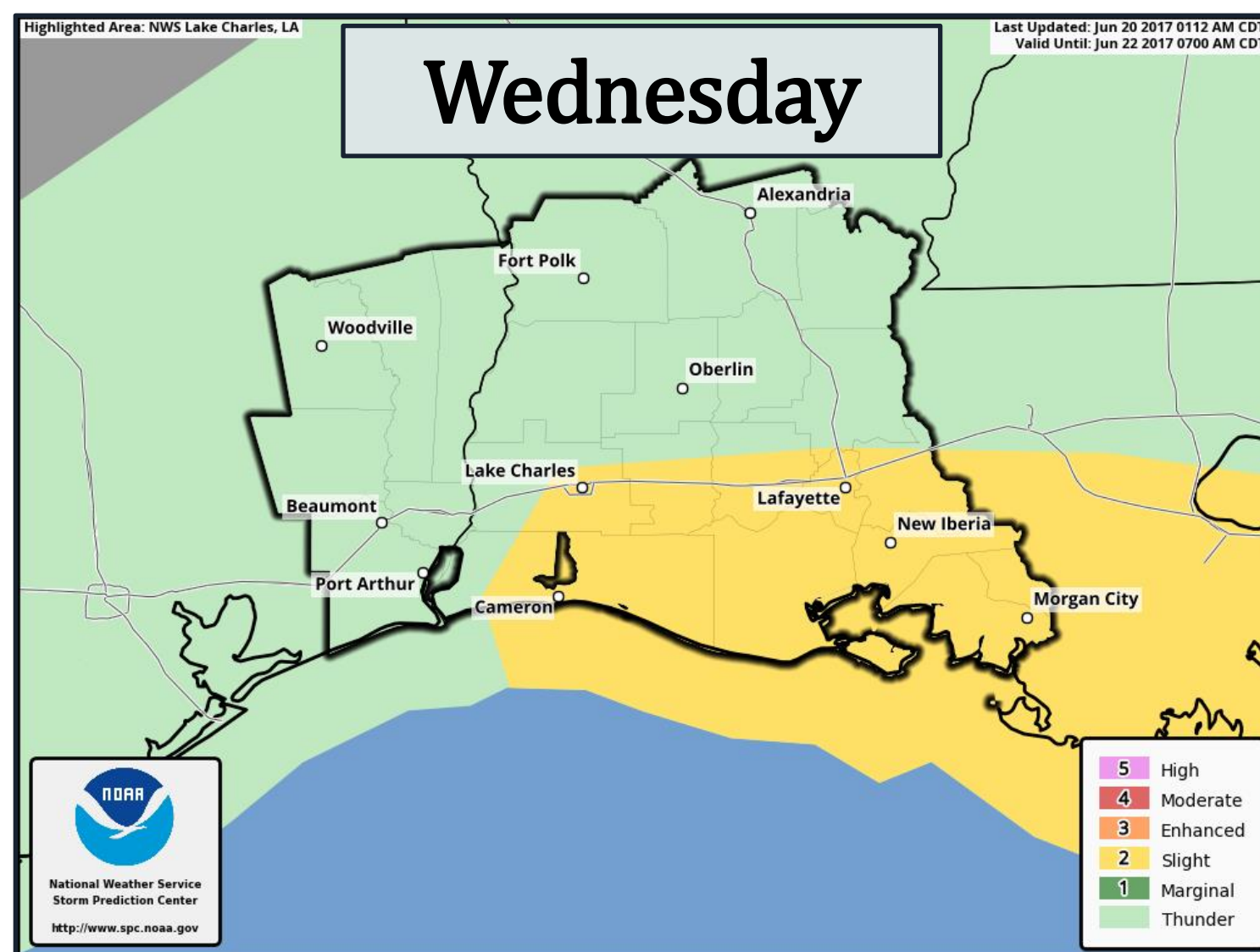
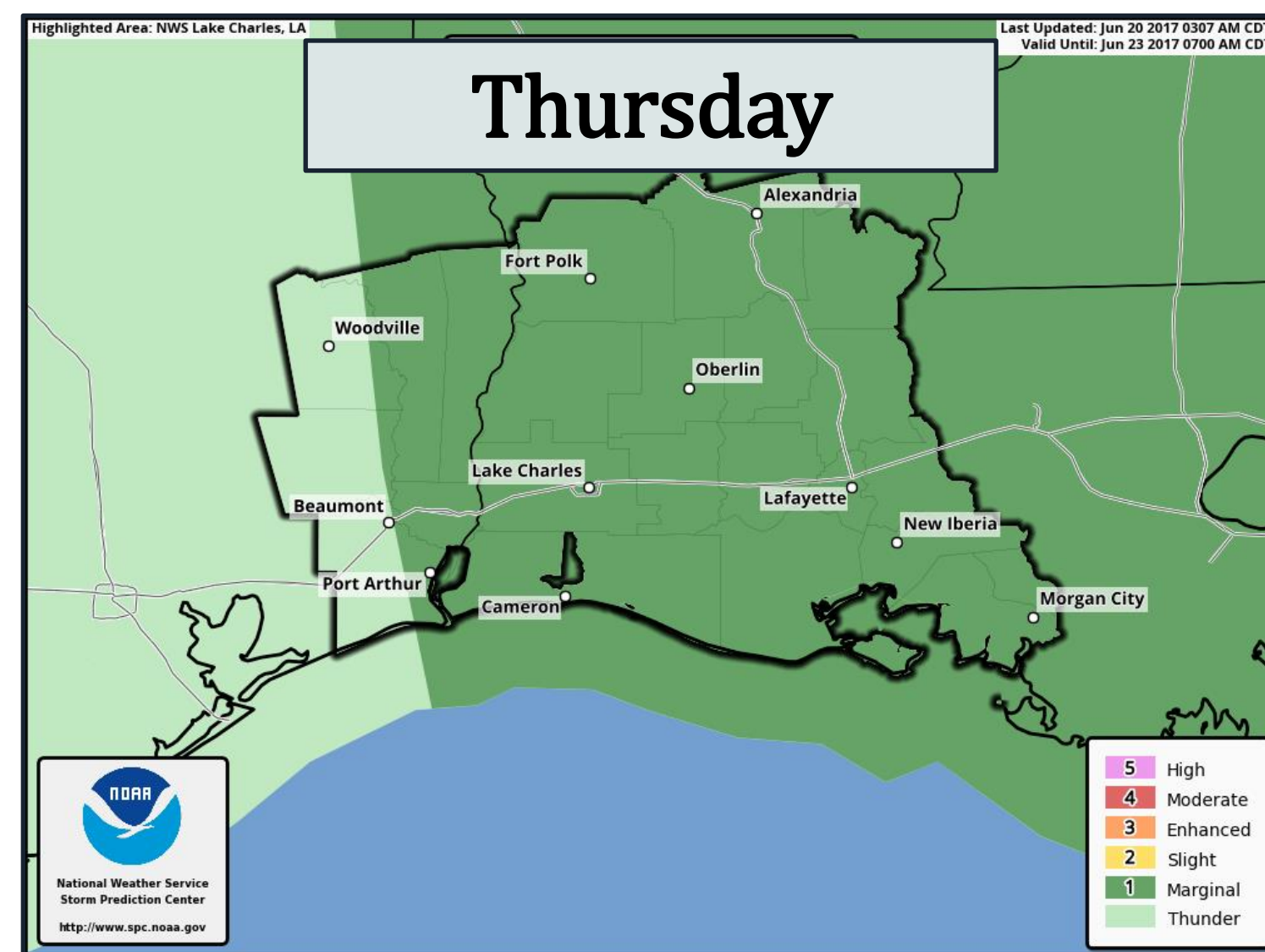
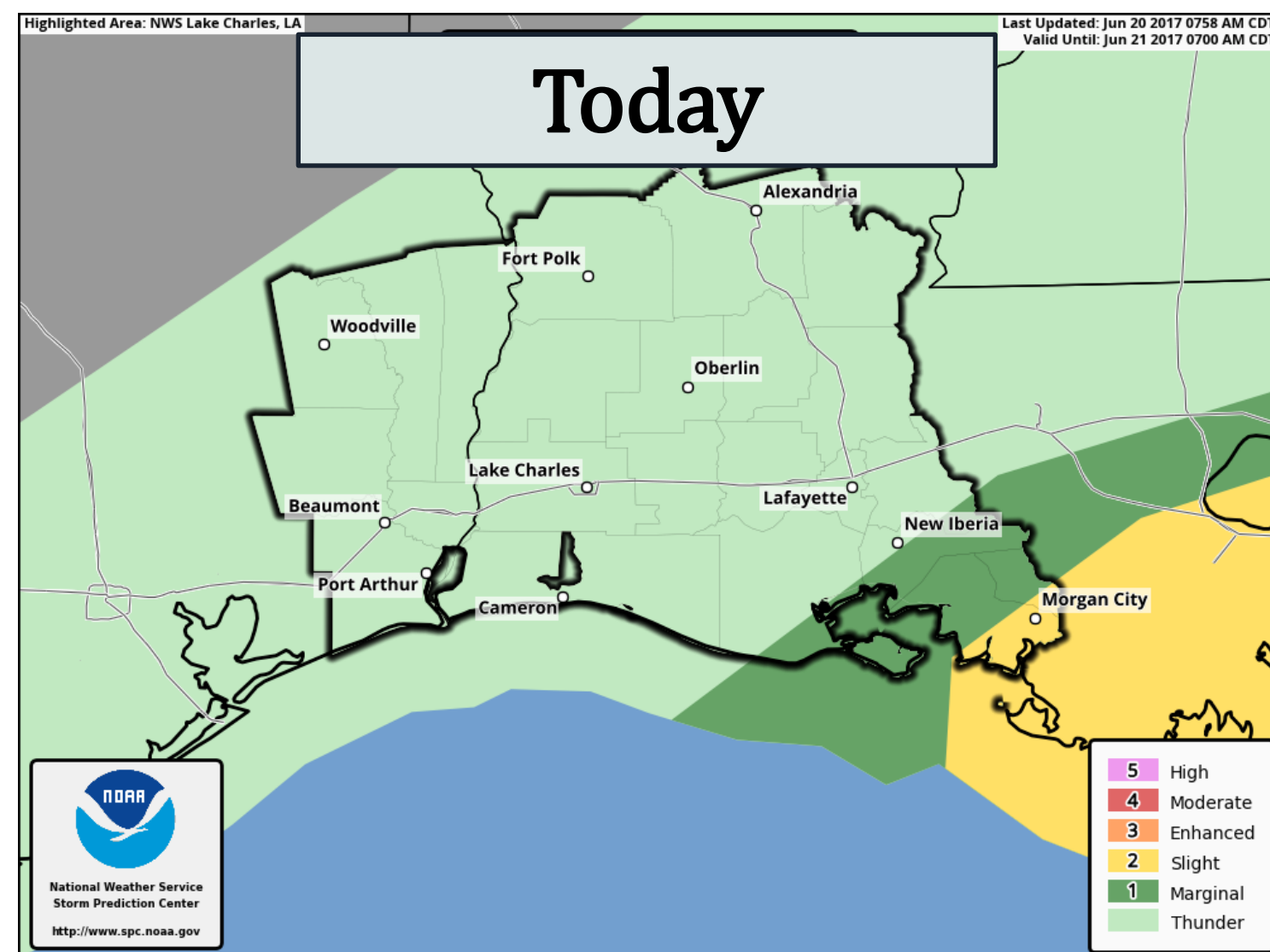


# Tornado Potential

## Potential Tropical Cyclone 3



Lake Charles  
WEATHER FORECAST OFFICE



There will be a small tornado threat today in lower Acadiana. Highest chances on Wednesday will be along and south of the I-10 corridor from Lake Charles to Lafayette south to the coast, and another small tornado threat on Thursday for nearly the entire region.





- Potential Tropical Cyclone 3 could become a tropical storm at any time.
- A tropical storm warning is in effect Jefferson and Orange counties, and Acadia, Calcasieu, Cameron, Iberia, Jeff Davis, Lafayette, St. Martin, St. Mary, and Vermilion parishes.
- A coastal flood advisory is in effect for Jefferson County, and Cameron, Iberia, St. Mary, and Vermilion parishes.
- Heavy rain, above normal tides, gusty winds, and a few tornadoes are the main threats, especially on Wednesday and Thursday.



# Potential Tropical Cyclone 3

Please contact WFO Lake Charles at  
337-477-5285 extension 1  
or through the “LCHchat” NWSChatroom

The Next Briefing Will Be:  
*4 pm Tuesday June 20 2017*

